

ABSTRACT OF THE DISCLOSURE

- A system provides accelerated morphological analysis and in particular a speed-up of morphological look-up via a caching mechanism. The system determines whether each incoming token in a token stream is unique or recurring. Unique tokens, which occur for the first time in the token stream, are marked with a unique numerical identification (ID). A pointer is added to recurring tokens, which already occurred in the token stream, and directed towards the unique numerical ID which was defined for the respective token when occurring for the first time. A morphological look-up is performed on the unique tokens.
- 10 Subsequently, the tokens carrying the pointer are detected and replaced with the results of morphological look-up stored under the unique numerical ID of the respective unique token.